

Amendments to the Claims:

The following claims will replace all prior versions of the claims in this application (in the unlikely event that no claims follow herein, the previously pending claims will remain):

1. (Previously presented) Process for the preparation of an impact-resistant polymer composition comprising a rubber composition dispersed in a matrix polymer, said process comprising melt mixing a solid matrix polymer A with a solid comprising said rubber composition dispersed in a matrix polymer B at a weight ratio of matrix polymer B to rubber composition in the range of 80:20 to 30:70, wherein the solid dispersion of said rubber composition in matrix polymer B is the product obtained by melt mixing of matrix polymer B with a rubber composition that contains at least one functionalized rubber containing groups that can react with matrix polymer A and/or B, and at least one non-functionalized rubber and wherein said impact-resistant rubber composition comprises 0.5-75 parts by weight of rubber composition per 100 parts by weight in total of matrix polymers A and B.
2. (Previously presented) Process according to claim 1, wherein matrix polymer B is identical to matrix polymer A.
3. (Previously presented) Process according to claim 1, wherein the weight ratio of matrix B to rubber composition lies between 60:40 and 30:70.
4. (Previously presented) Process according to claim 1, wherein the functionalized rubber is present as a shell around a core of the non-functionalized rubber.
5. (Previously presented) Process according to claim 1, wherein the functionalized rubber is derived from a rubber that is different from the non-functionalized rubber.
6. (Previously presented) Process according to claim 3, wherein the non-functionalized rubber is an ethylene (C4-C12) α -olefin copolymer rubber.

7. (Previously presented) Process according to claim 6, wherein the ethylene- α -olefin copolymer is obtained by polymerization in the presence of a metallocene catalyst.

8. (Previously presented) Process according to claim 1, wherein the matrix polymers A and B are selected from the group consisting of polyamides, polyesters, polyacetals and polycarbonates.

9. (Previously presented) Process according to claim 8, wherein the matrix polymers are each polyamides.

10. (Previously presented) Process according to claim 1, wherein the functionalized rubber comprises a functionalized styrene-butadiene tri-block polymer.

11. (Previously presented) Process according to claim 1, wherein the functionalized rubbers are obtained by reaction with or by graft polymerization of a rubber with an unsaturated dicarboxylic acid anhydride, an unsaturated dicarboxylic acid or an unsaturated dicarboxylic acid ester.

12. (Previously presented) Process according to claim 1, wherein the rubber is not crosslinked.

13-21 (Canceled)

22. (Previously presented) Process according to claim 1, wherein the weight ratio of matrix B to rubber composition lies between 50:50 and 30:70.

23-24 (Canceled)

25 (Previously presented) Process for the preparation of an impact-resistant polymer composition comprising a rubber composition dispersed in a matrix polymer, said process comprising feeding to an extruder, a solid matrix polymer A and a solid masterbatch

comprising said rubber composition dispersed in a matrix polymer B, at a weight ratio of matrix polymer B to rubber composition in the range of 80:20 to 30:70, and melt-mixing the solid matrix polymer A and the solid masterbatch in the extruder to thereby form said impact-resistant polymer, wherein the dispersion of said rubber composition in matrix polymer B is the product obtained by melt mixing of matrix polymer B with a rubber composition that contains at least one functionalized rubber containing groups that can react with matrix polymer A and/or B, and at least one non-functionalized rubber and wherein said impact-resistant rubber composition comprises 0.5-75 parts by weight of rubber composition per 100 parts by weight in total of matrix polymers A and B.

26. (Previously presented) Process according to claim 25, wherein the functionalized rubber and/or the non-functionalized rubber comprises ethylene- α -olefin copolymer obtained by polymerization in the presence of a metallocene catalyst.

27. (Canceled)